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OYEN WIGGS ET AL

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C525 0169

### TRANSMITTAL SHEET

DATE: 28 November 2002

To: Commissioner for Patents  
Washington, D.C.  
20231

Re: Preliminary Amendment and Response to Restriction Requirement

Inventor(s): NEUFELD, Richard D. and TRAUTMAN, Christopher E.  
Title: METHOD FOR LINEARIZATION OF AN ACTUATOR VIA FORCE  
GRADIENT MODIFICATION

Serial No.: 09/813,839

Filed: 22 March, 2001

Examiner: TAMAI, Karl I.

Art Unit: 2834

**FAX RECEIVED**

Fax: 1-703-872-9318

From: Gavin N. Manning

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TECHNOLOGY CENTER 2800

NO. OF PAGES INCLUDING THIS TRANSMITTAL SHEET: 14

ENCLOSURES:	TRANSMITTAL LETTER	- 1 PAGE
	PRELIMINARY AMENDMENT	- 9 PAGES
	REVOCATION OF AUTHORIZATION OF AGENT	- 2 PAGES
	STATEMENT UNDER 37 CFR 3.73(B)	- 1 PAGE


CONFIRMATION COPY: ☐ will follow by mail ☐ will follow by courier ☒ will NOT follow

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Gavin N. Manning, Reg. No. 36,412

File No.: C525 0169  
GNM/ag

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): NEUFELD, Richard D. and TRAUTMAN, Christopher E.  
Title: **METHOD FOR LINEARIZATION OF AN ACTUATOR VIA FORCE  
GRADIENT MODIFICATION**  
Serial No.: 09/813,839  
Filed: 22 March, 2001  
Examiner: TAMAI, Karl I. Art Unit: 2834  
Date: 28 November 2002

**FAX RECEIVED****AMENDMENT TRANSMITTAL**

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To: Assistant Commissioner for Patents  
Washington, D. C. 20231

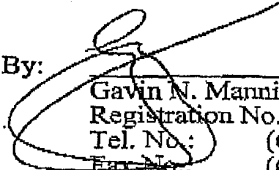
Dear Sir:

Transmitted herewith is a Revocation of Authorization of Agent and Appointment of Another Agent document, a Statement Under 37 CFR 3.73(b), and an Amendment for this application. We believe that there are no fees to be paid in connection with the Amendment.

- ☒ Please charge any fees in connection with this communication, including any filing fees under 37 CFR 1.16 for the presentation of extra claims and any patent application processing fees under 37 CFR 1.17, or credit any overpayment, to Deposit Account No. 02-1037.
- ☒ Please charge any deficiency in fees or credit any overpayment to Deposit Account No. 02-1037.

Respectfully submitted,  
OYEN WIGGS GREEN & MUTALA

By:

  
Gavin N. Manning  
Registration No. 36,412  
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Gavin N. Manning Reg. No. 36.412

C525 00169

Paper No.: \_\_\_\_\_

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Inventor(s): NEUFELD, Richard D. and TRAUTMAN, Christopher E.  
Title: METHOD FOR LINEARIZATION OF AN ACTUATOR VIA FORCE  
GRADIENT MODIFICATION  
Serial No.: 09/813,839  
Filed: 22 March, 2001  
Examiner: TAMAI, Karl I. Art Unit: 2834  
Date: 27 November, 2002  
To: Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

**PRELIMINARY AMENDMENT AND  
RESPONSE TO RESTRICTION REQUIREMENT**

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18.00 CH This is in response to the office action mailed on 31 October 2002.

Preliminary to the examination of this application, please:

✓Cancel claims 12-13 without prejudice;

Amend claims 1-11, 14, and 16-23 to read as follows:

- a' cont.
1. (Once Amended) A method for controlling an actuator, said method comprising manipulating a forced resonant frequency of a plunger of said actuator.
  2. (Once Amended) A method for controlling an actuator, said method comprising maintaining a forced resonant frequency